

Interview Summary	Application No.	Applicant(s)	
	09/517,149	HORII, MINORU	
	Examiner	Art Unit	
	King Y. Poon	2625	

All participants (applicant, applicant's representative, PTO personnel):

(1) King Y. Poon. (3) _____.

(2) John W. Carpenter (39,129). (4) _____.

Date of Interview: 16 February 2006.

Type: a) Telephonic b) Video Conference
c) Personal [copy given to: 1) applicant 2) applicant's representative]

Exhibit shown or demonstration conducted: d) Yes e) No.
If Yes, brief description: _____.

Claim(s) discussed: proposed amendment of claim 35.

Identification of prior art discussed: Tsuboi et al (US 5,119,182).

Agreement with respect to the claims f) was reached. g) was not reached. h) N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: the proposed amended claim 35 overcomes the Tsuboi's reference; and based on multiple detailed past searches performed by the examiner, the examiner has not come across any reference that anticipate or render the proposed amended claim obvious. However, the patentability of the newly proposed amended claim could not be determined without conducting an updated search and consideration.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.



KING Y. POON
PRIMARY EXAMINER

Examiner Note: You must sign this form unless it is an attachment to a signed Office action.

Examiner's signature, if required

Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews

Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

ReedSmith

FAX TRANSMITTAL

From: John W. Carpenter
Direct Phone: 415.659.5927
Email: jcarpenter@reedsmit.com
Date: February 14, 2006

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 Two Embarcadero Center
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 415.543.8700
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Total Number Of Pages Including Cover Page 4

FAX TO

Name	Company	Fax Number	Phone Number
King Y. Poon	US Patent and Trademark Office	571-273-7440	571-272-7440

Original will follow via: Regular Mail Overnight Delivery Messenger None

NOTES:

Re: US Application Serial No. 09/517,149

Examiner Poon

Attached is the chart of Fig 6 from *Tsuboi* where I have added the relative values of the CMY values. Also attached is a proposed new claim.

If you do not receive all of the pages, please call Maryalice T. Kelley at 415.659.5628.

Please Transmit Before 9 10 11 a.m. 12 1 2 3 4 5 6 7 8 p.m.

Client Number: 351778 Matter Number: 04000 Attorney Number: 1566
 Transmission Time: : a.m./p.m. Finish Time: : a.m./p.m.

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 U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Applicant Initiated Interview Request Form

Application No.: 09/517,149 First Named Applicant: Minoru Horii
 Examiner: Poon King Y. Art Unit: 2624 Status of Application: Pending

Tentative Participants:

(1) Poon, King Y. (2) John W. Carpenter
 (3) _____ (4) _____

Proposed Date of Interview: 2/16/2006 Proposed Time: 1:30 EST (AM PM)

Type of Interview Requested:

(1) Telephonic (2) Personal (3) Video Conference

Exhibit To Be Shown or Demonstrated: YES NO

If yes, provide brief description: _____

Issues To Be Discussed

Issues (Rej., Obj., etc)	Claims/ Fig. #s	Prior Art	Discussed	Agreed	Not Agreed
(1) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Continuation Sheet Attached

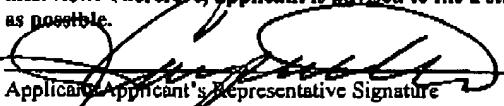
Brief Description of Arguments to be Presented:

Discuss prior art - Claim 35 & new claims.

An interview was conducted on the above-identified application on

NOTE: This form should be completed by applicant and submitted to the examiner in advance of the interview (see MPEP § 713.01).

This application will not be delayed from issue because of applicant's failure to submit a written record of this interview. Therefore, applicant is advised to file a statement of the substance of this interview (37 CFR 1.133(b)) as soon as possible.


 Applicant/Applicant's Representative Signature

Examiner/SPE Signature

John W. Carpenter
 Typed/Printed Name of Applicant or Representative

39,129

Registration Number, if applicable

This collection of information is required by 37 CFR 1.133. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Proposed Amended Claim 35

35. A printer, comprising:

an image processor configured to apply a series of image processing settings to a first image to produce a series of second images that include images with a progressively higher image processing setting than the first image and images with a progressively lower image processing setting than the first image;

a print section configured to,

print the first image on a printing medium,

print each second image having progressively higher image processing settings in a first direction relative to the printed first image, and

print each second image having progressively lower image processing settings in a second direction relative to the printed first image; and

an input section configured to retrieve a user selection of one of the second images;

wherein:

the image processor is further configured to apply a next series of image processing settings which are set for forming a set of images in a plus or minus direction for each of parameter values to the selected second image to produce a third set of images; and

the print section is further configured to print the selected second image and the third set of images[.].

wherein:

said selected second image and each of said third set of images are printed with corresponding parameter values which are expressed as a change value from an initial parameter value.

(c, m, r)

		y_0	y_1	y_2
x_0	m_0	LLL	$L\emptyset\emptyset$	LLH
m_1	m_1	$L\emptyset L$	$L\emptyset\emptyset$	$L\emptyset H$
m_2	m_2	LHL	LH \emptyset	LHH
m_0	m_0	PLL	$\emptyset L\emptyset$	$\emptyset L H$
(c_1, m_1, r_1)		$\emptyset\emptyset L$	$\emptyset\emptyset\emptyset$	$\emptyset\emptyset H$
m_2	m_2	$\emptyset H L$	$\emptyset H \emptyset$	$\emptyset H H$
m_0	m_0	HLL	HL \emptyset	HLH
m_1	m_1	H $\emptyset L$	H $\emptyset\emptyset$	H $\emptyset H$
m_2	m_2	HHL	HH \emptyset	HHH
GM		(c_2, m_2, r_2)		

 $L = \text{original} - a_i$ $H = \text{original} + a_i$ $\emptyset = \text{original}$ see egs. (1)-(6)
col. 11, lines 51-61.